

AMENDMENT

In the specification:

Please replace the paragraph at page 1, lines 19-27 with the following:

Passenger detection sensor types have been proposed for detecting a RFCS, an FFCS or children. Systems using electric fields to detect characteristics of a load in a seat are disclosed in U.S. Patent Nos. 5,948,031, 6,329,913 (Serial No. 09/413,099, filed October 5, 1999), 6,329,914 (Serial No. 09/678,215, filed Sept. 29, 2000) and 6,816,077 (Serial No. 09/798,788, filed March 2, 2001). Other systems using capacitive sensing, such as systems to detect a change in phase or frequency due to the presence of a passenger, have also been proposed. Both types of systems rely on transmission and reception from one or more antenna or electrodes.

Please replace the paragraph at page 11, lines 7-14 with the following:

The system 400 may be implemented with various circuits and/or methods. Some exemplary circuits and methods are discussed in U.S. Patent Nos. 5,948,031, 6,161,070, 6,329,913 (Serial No. 09/413,099, filed October 5, 1999), 6,329,914 (Serial No. 09/678,215, filed Sept. 29, 2000), and 6,816,077 (Serial No. 09/798,788, filed March 2, 2001), the disclosures of which are incorporated herein by reference. In alternative embodiments, the passenger detection system comprises capacitive, ultrasound, infrared, visible light or other sensing systems for detecting the presence of a passenger.